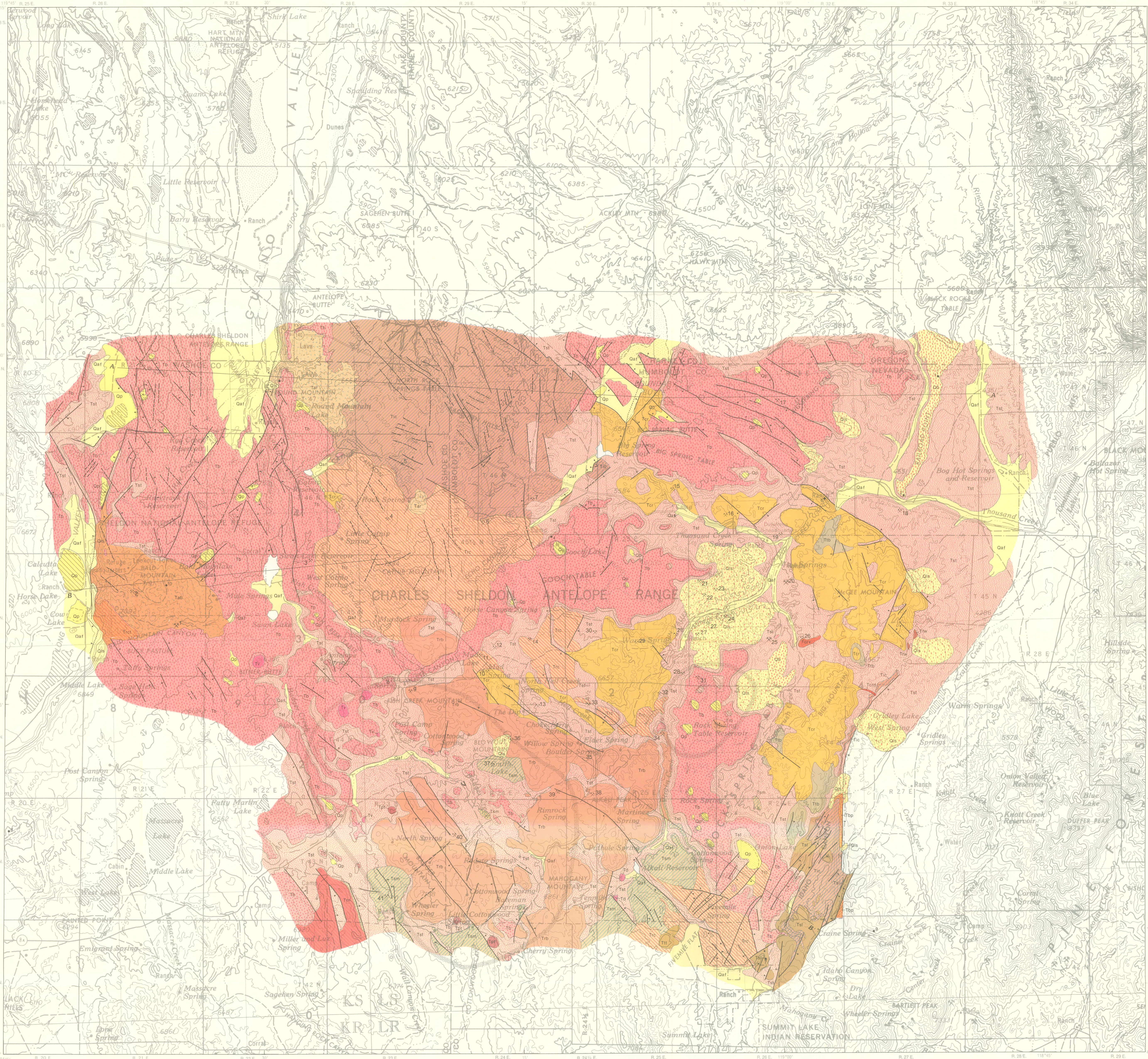


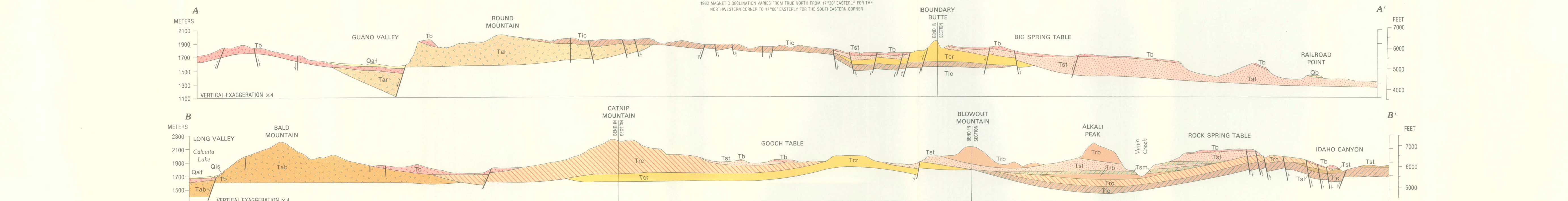


Base from U.S. Geological Survey 1:250,000
Adel, Oregon, 1955 (rev. 1970)
Vul, Nevada, Oregon, California, 1954
(rev. 1970)

SCALE 1:125,000

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TWO MONOTONIC DECLINATION VALUES FROM THIS NORTH FROM 17°00' EASTERNLY FOR THE
NORTHWESTERN CORNER TO 17°00' EASTERNLY FOR THE SOUTHEASTERN CORNER

Geology by R. C. Green, 1974-75



GEOLOGIC MAP OF THE CHARLES SHELDON WILDERNESS STUDY AREA, NEVADA AND OREGON

CORRELATION OF MAP UNITS

Qaf	Op	Qls	Holocene and Pleistocene	QUATERNARY
Tb	Tv	Tpt		
Tm	Tm	Tm	Tertiary	TERTIARY
Ttr	Ttr	Ttr		
Tti	Tti	Tti		
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr	Miocene	MIOCENE
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr	Pliocene	PLIOCENE
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr		
Ttr	Ttr	Ttr		

LIST OF MAP UNITS

Qaf	ALLUVIUM AND ALLUVIAL FANS (HOLOCENE AND PLEISTOCENE)
Op	PLAVA DEPOSITS (HOLOCENE AND PLEISTOCENE)
Qls	LANDSLIDE DEPOSITS (HOLOCENE AND PLEISTOCENE)
Qls	BASALT OF RAILROAD POINT (PLEISTOCENE)
Tst	TUFFACEOUS SEDIMENTARY ROCKS (MIOCENE)
Tb	BASALT OF CATNIP CREEK (MIOCENE)
Tv	MAFIC VENT COMPLEXES (MIOCENE)
Tpt	PALAGONITE TUFF (MIOCENE)
Tm	RHYOLITE OF NUT MOUNTAIN (MIOCENE)
Ttr	RHYOLITE OF BADGER MOUNTAIN (MIOCENE)
Ttr	SOLDIER MEADOW TUFF (MIOCENE)
Ttr	TUFF OF TROUGH MOUNTAIN (MIOCENE)
Ttr	RHYOLITE OF CATNIP MOUNTAIN (MIOCENE)
Ttr	CANON RHYOLITE OF MERRIAM, 1910 (MIOCENE)
Ttr	TUFF OF BIG MOUNTAIN (MIOCENE)
Ttr	RHYOLITE DIKE (MIOCENE)
Ttr	RHYOLITE VITROPHYRE (MIOCENE)
Ttr	RED WELDED TUFF (MIOCENE)
Ttr	SUMMIT LAKE TUFF (MIOCENE)
Ttr	IDAHO CANYON TUFF (MIOCENE)
Ttr	ANDESITE OF ROUND MOUNTAIN (MIOCENE)
Ttr	ANDESITE OF BALD MOUNTAIN (MIOCENE)
Ttr	DACITE (MIOCENE)
Ttr	PORPHYRITIC BASALT (MIOCENE)
Ttr	RHYOLITE OF COTTONWOOD CANYON (MIOCENE)

- CONTACT—Contacts in cross section inferred
- FAULT—Bar and ball on downthrown side, dashed where inferred, and dotted where concealed
- BOUNDARY OF CALDERA INFERRED FROM GEOPHYSICAL DATA (PLATE 2)
- TABLE 1
- SAMPLE LOCALITY FOR POTASSIUM-ARGON DATES
- 1 MINE OR PROSPECT
- 2 Antelope Nos. 1-18 (Lode Star Nos. 1-60)
- 3 Bald Mountain claims
- 4 Wild Rose
- 5 Prospect
- 6 Charline Nos. 1 and 2
- 7 Echo group
- 8 Skyline group
- 9 Prospect
- 10 Obsidian group, Columbia and Loise
- 11 Sunny Jim
- 12 Lucky Jim Nos. 1-8 and Apex
- 13 Suni Nos. 1-3
- 14 Bighorn group
- 15 Kim Nos. 1-9
- 16 McKenny Camp uranium claims
- 17 Virgin Duff group, Pronghorn group, and Beverly No. 1
- 18 Lucky Four
- 19 Fortune group, Uranium King, and Lucky Jack
- 20 Lemae Nos. 1-5 quarry
- 21 Goodwill
- 22 Virgin Opal (Bonanza) mine
- 23 Opal Queen group mine
- 24 Eddy group
- 25 Meyer group mine
- 26 Rainbow Ridge opal mine
- 27 Lad and Shepardson's group
- 28 Royal Peacock mine
- 29 Virgin Valley uranium claims
- 30 Grubstake Nos. 1-4
- 31 Hope group
- 32 Mess
- 33 Steamboat group
- 34 Lucky Strike
- 35 Raven Manganese group
- 36 Blue Dragon Nos. 1-3
- 37 Crater group
- 38 Yellow Rock group
- 39 Lucky Horseshoe group
- 40 Golden Cash, Jackpot, Buried Treasure, and Golden Horde
- 41 Viola and Nellie group
- 42 Pretty Rock group



INDEX MAP